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UNITED STATES BANKRUPTCY COURT DISTRICT OF NEW JERSEY

: Chapter 11

In re Shapes/Arch Holdings

L.L.C. et al., : Case No. 08-14631 (GMB)

Debtors. : Honorable Gloria M. Burns

RESPONSE OF THE STATE OF NEW JERSEY, DEPARTMENT OF ENVIRONMENTAL PROTECTION ("DEPARTMENT" or "DEP"), TO THE OBJECTION OF DEBTORS TO THE PROOF OF CLAIM FILED BY THE DEPARTMENT.

The State of New Jersey, Department of Environmental Protection, hereby responds to the motion of the debtors objecting to and seeking to expunge the Proof of Claim filed by the Department on May 14, 2008 for Natural Resource Damages, Claim No. 603 in the Claims Register. In support of this claim, the Department respectfully represents as follows.

1. The Department's claim is for the costs, including reasonable assessment costs, it has incurred, or will incur, for the restoration and replacement, where practicable, of any natural

resource damaged or destroyed by the discharges at the real property located at 900 River Road, Delair, New Jersey, ("the Site"). Under applicable federal and state environmental statutes and regulations, including the New Jersey Spill Compensation and Control Act ("the Spill Act"), N.J.S.A. 58:10-23.11 et seq., the Debtor ("the Debtor") as the owner and operator is liable for such natural resource damages.

- 2. The Debtor manufactured aluminum products at the Site and from 1986 to 1989 committed 80 discharge violations of its New Jersey Pollutant Discharge Elimination System ("NJPDES") permit, and was fined almost \$2,000,000. Significant discharges of chromium-contaminated wastewater occurred in 1986.
- 3. The supporting exhibits documenting the Department's claim were inadvertently left out at the time the Proof of Claim was filed but are included here as Exhibits A through E.
- 4. Attached as Exhibit A is an affidavit from Richard F. Engel, Deputy Attorney General, and Chief of the Cost Recovery/Natural Resource Damages Section of the Division of Law in the Attorney General's office.
- 5. As DAG Engel explains, DEP estimated that the number of acres required to compensate the public for the injury to ground water at the Aluminum Shapes Site is 62.46 acres. In this calculation, DEP used a 40-acre areal extent of chromium contamination in the ground water above predischarge

concentrations, an injury start date of 1986 (the year chromium contamination was first confirmed through monitoring well sampling), a maximum extent of injury year of 1986, and an injury end year of 2038 (30 years from the present; this is conservative since chromium is an inorganic and does not degrade, and since significant chromium contamination exists beneath a building that will continue to act as a source of ground water contamination). The total period of injury from 1986-2038 is 52 years. See Exhibit A.

- extent of chromium contamination for its calculation of the total amount of damages owed to the public because the debtor is also a possible responsible party of the Puchak and Morris-Delair wellfields. Puchak is one half mile to the south west and Morris-Delair is one half mile to the north west of the Site. The Department, however, decided to use the 40 acre figure, which resulted in a significantly lower number than the \$7,000,000 figure for which it filed the proof of claim in May.
- 7. The volume of injured groundwater was determined for each year of the injury by multiplying the surface area of the plume by the recharge rate for the water supply management region in which the Site is located. The water supply management area in which this Site is located has a recharge rate of 10.57 gallons per square foot per year.

- 8. The present value volume of injured groundwater for each year is calculated by multiplying the volume of injured ground water for that year by a discount rate of three percent, a rate that government agencies, acting as natural resource trustees, have generally adopted for damage assessment purposes.
- 9. The total present value volume for the injury is the sum of the present value of injured ground water for all of the years for which the ground water exceeds predischarge concentrations.
- The annual replacement volume, the volume of 10. uncontaminated water that would need to be made available annually in perpetuity to replace the total present value loss of groundwater over the 52-year duration of the the injury, was calculated by dividing the present value volume of water needed on an annual basis in perpetuity by the annual recharge rate. dividing the annual replacement volume by the regional recharge rate and converting the result to acres by dividing the number by 43,560, the number of square feet in an acre, the Department was able to calculate the number of acres of land necessary for preservation to provide recharge area protection in compensation for the amount of groundwater injury at this Site for a 52-year injury. For calculation of the injury using the volume of the injured water, the surface area of the plume and the recharge rate, see Exhibits B and C.

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- purchase or preserve that many acres of undeveloped land in Water Supply Protection Area 17, where the Site is located, the Department derived a per acre dollar cost of \$37,213, and multiplied that number times the required acreage, resulting in a dollar value for our acreage demand of \$2,324,324. Calculated in this way the number arrived at is significantly lower than the number arrived at previously.
 - 12. For calculation of the future loss, see Exhibit D.
 - 13. For calculation of past loss, see Exhibit E.

Respectfully submitted,

ANNE MILGRAM
ATTORNEY GENERAL OF NEW JERSEY

By: <u>/S/ Rachel Jeanne Lehr</u>
Deputy Attorney General

Dated: December 29, 2008

EXHIBIT A

ANNE MILGRAM
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UNITED STATES BANKRUPTCY COURT DISTRICT OF NEW JERSEY

In re Shapes/Arch Holdings : L.L.C., et al.,

Chapter 11

Case No. 08-14631 (GMB)

Debtors.

AFFIDAVIT OF RICHARD F. ENGEL

:

Richard F. Engel, of full age, being duly sworn according to law, deposes and says:

- 1. I am a Deputy Attorney General assigned to work on the Shapes matter.
- 2. As part of that assignment, I asked Elizabeth Fernandez of the New Jersey Department of Environmental Protection to describe how DEP calculated the demand for natural resource damages at the Shapes Site. The description below is how she said she calculated that demand.
- 3. DEP has determined the number of acres necessary to acquire/protect to compensate for a 40-acre injury (the area of the site). DEP generated cost-per-acre estimates.

- 4. DEP estimated that the number of acres required to compensate the public for the injury to ground water at the Aluminum Shapes site is 62.46 acres. In this calculation, it used a 40-acre areal extent of chromium contamination above predischarge levels, an injury start date of 1986 (the year chromium contamination was first confirmed through monitoring well sampling), a maximum injury year of 1986, and an injury end year of 2038 (30 years from the present; this is conservative since chromium is an inorganic and does not degrade, and since significant chromium contamination exists beneath a building, which will continue to act as a source of ground water contamination). The total period of injury from 1986 2038 is 52 years.
- 5. The volume of injured ground water was determined for each year of the injury by multiplying the surface area of the plume for that year by the regional recharge rate (10.57 gal/sq ft/yr for the water supply management region in which the site is located). The present value volume of injured ground water for each year is calculated by multiplying the volume of injured ground water for that year by a discount rate of three percent, a rate that government agencies, acting as natural resource trustees, have generally adopted for damage assessment purposes. The total present value volume for the injury is the sum of the present value of injured ground water for all of the years during which the ground water has been injured. The annual replacement volume

(volume of uncontaminated water that would need to be made available annually in perpetuity to replace the total present value loss of ground water over the period of the injury) was calculated by dividing the present value volume of water needed on an annual basis in perpetuity by the annual recharge rate. By dividing the annual replacement volume by the regional recharge rate and converting the result to acres by dividing the number by 43,560 (number of square feet in an acre), DEP was able to calculate the number of acres of land necessary for preservation to provide recharge area protection in compensation for the amount of groundwater injury at this site.

- 6. In order to estimate how much it would cost to purchase or preserve that many acres of undeveloped land in WSPA 17, where the site is located, DEP derived a per-acre dollar cost \$37,213 and multiplied that number times the required acreage, resulting in a dollar value for its acreage demand of \$2,324,324. Note that this figure is significantly lower than the \$7M figure we provided earlier, because DEP this time used a much larger universe of property sales (over 300 v. the previous 3) over a 4-year period of time.
- 7. To obtain the per-acre figure of \$37,213, DEP obtained data on 331 sales of undeveloped land in WSPA 17 between 2004 and 2008 from a public New Jersey tax records search website. Sales prices were converted to 2008 dollars using a housing price

inflator for New Jersey obtained from the Office of Federal Housing Enterprise Oversight (http://www.ofheo.gov/). DEP calculated the 25th percentile (\$37,213), median (\$98,108) and mean (\$325,282) values for estimating the per-acre cost of 62.46 acres of property in WSPA 17. DEP chose to use the 25th percentile per-acre figure of \$37,213 to determine the dollar value for its acreage demand. Selection of a value at the 25th percentile means that the per-acre value is in the bottom 25 percent of the transaction data as adjusted for 2008 values.

Richard F. Engel

Sworn to and subscribed before me this 29th day December, 2008

Attorney at Haw

State of New Jersey

EXHIBIT

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Confidential - For Settlement Purposes Only

12/23/2008

Aluminum Shapes	Confidential – For Settlement Purposes Only	
User in puts		
Watershed Management Region (select name see map)	Lower Delaware	
Current Year Injury Start (year) Maximum Injury (year) Injury End (year)	2008 1986 1986 2038	
Current 2-D area of injury or Classification Exception Area (square feet) (1 acre = 43,560 square feet)		0.00 RES
Assumed future plume dynamics	Constant area	
Discount rate	0.03	
Groundwater recharge	10.57 gal /sq ft	/ yr

Results

Present value volume of unavailable water, 1986 to 2038

Annual replacement volume (in perpetuity)

Land area required to provide recharge equal to annual replacement volume

958,266,693 gals 28,748,001 gals 62.46 acres

Methodology

- (1) Calculate present value volume of groundwater unavailable over period of injury.
- (2) Calculate constant annual replacement volume, available in perpetuity, such that present value sum of annual replacement volumes is equal to present value volume of unavailable groundwater (determined by multiplying the result of calculation (1) by the discount rate).
- (3) Assume equivalent recharge at replacement location and determine area of land necessary to acquire/protect by dividing the result of calculation (2) by the regional recharge rate and converting that result to acres (divide by 43,560 sq ft/acre).

EXHIBIT C

- PRELIMINARY GROUNDWATER INJURY CALCULATION ALUMINUM SHAPES

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Step 1: Volume of Injured Water =	Surfa	Surface Area of Flume in Year M	×	Recharge Rate
see attached spreadsheets	g,	See attached spreadsheets	×	8.93 gallons/square feet/year
Step 2: Present Value Volume of Injured Water in Year N	,	Volume of injured Water in Year N	×	1 + Discount Rate (Gurrant Yaar - Yaar 3)
See attached spreadsheets	π.	See attached spreadsheets	×	1 + 0.03 Current Year - Year M)
step 3: rotal Present Valus Volume of Injured Water =		Sum the Fredent Value Volume of Injured Water for all Years During Which Water Has Been Injured	Injur en Inj	ed Water for all Years During ured
Total Present Value Volume	נ	958,266,693 gallons		
Step 4: Volume of Water Needed on an Annual Basis in Perpetuity to Replace Injured Ground Water	II	Total Present Value Volume of Injured Water at Site	×	Discount Rate
28,748,001 gallons/year	Ħ	958,266,693 gallons	×	0.03
Sten 5: Annual Recharge Rate	'BL	Recharge Rate	ж	43,560 square feet/acre
18	11	10.57 gallons/square foot/year	×	43,560 square feet/acre
Step 5: Acres of Land Requiring	•	Volume of Water Meeded on Annual Basis in Perpetuity	٠	Annual Recharge Bate
62.4 acres	11	28,748,001 gallons/year	/	460,429 gallons/acre/year

EXHIBIT D

Your	Area of loss	Area of loss	Average annual area of foss (so ft)	Unavaliabie volume (gals)	Present value unavallable volume (gals)
ĝ	סומון מי לממו למי וול	, , , , , , , , , , , , , , , , , , ,			
2009	1.742.400	1,742,400	1,742,400	18,409,327	17,873,133
2010	1.742.400	1.742.400	1,742,400	18,409,327	17,352,557
2011	1,742,400	1,742,400	1,742,400	18,409,327	16,847,142
2012	1.742.400	1,742,400	1,742,400	18,409,327	16,356,449
2013	1,742,400	1,742,400	1,742,400	18,409,327	15,880,047
2014	1,742,400	1,742,400	1,742,400	18,409,327	15,417,522
2015	1.742.400	1,742,400	1,742,400	18,409,327	14,988,468
2018	1.742.400	1.742.400	1,742,400	18,409,327	14,532,493
32.5	1,742,400	1,742,400	1,742,400	18,409,327	14,109,216
25.	1.742.400	1,742,400	1,742,400	18,409,327	13,698,268
8	1,742,400	1,742,400	1,742,400	18,409,327	13,299,290
200	1,742,400	1,742,400	1,742,400	18,409,327	12,911,932
500	1 742 400	1,742,400	1,742,400	18,409,327	12,535,856
200	1 742 400	1,742,400	1,742,400	18,409,327	12,170,734
2023	1.742.400	1,742,400	1,742,400	18,409,327	11,816,247
2024	1.742.400	1,742,400	1,742,400	18,409,327	11,472,084
2025	1.742.400	1,742,400	1,742,400	18,409,327	11,137,948
2026	1.742.400	1,742,400	1,742,400	18,409,327	10,813,540
7002	1 742 400	1,742,400	1,742,400	18,409,327	10,498,582
900	1,742,400	1.742.400	1,742,400	18,409,327	10,192,798
200	1.742.400	1.742.400	1,742,400	18,409,327	9,895,921
000	1.742.400	1.742.400	1,742,400	18,409,327	9,607,690
200	1.742.400	1,742,400	1,742,400	18,409,327	9,327,854
5	1 742 400	1,742,400	1,742,400	18,409,327	9,056,169
200	1 742 400	1.742.400	1,742,400	18,409,327	8,792,397
200	1.742.400	1.742.400	1,742,400	18,409,327	8,536,308
5000	1.742.400	1.742,400	1,742,400	18,409,327	8,287,678
25.5	1.742.400	1.742.400	1,742,400	18,409,327	8,046,289
2037	1.742.400	1,742,400	1,742,400	18,409,327	7,811,931
20.00	1.742.400	1,742,400	1,742,400	18,409,327	7,584,399

1 of 1

EXHIBIT E

Voar Area of loss – Area of loss – Area of loss – Avea of loss (sq ft) volume (gals) unavailable volume (gals) 1986 1,742,400 1,742,400 1,742,400 1,742,400 1,8409,327 34,246,771 1988 1,742,400 1,742,400 1,742,400 1,742,400 1,8409,327 32,280,867 1989 1,742,400 <td< th=""><th>•</th><th>Auminum Snapes</th><th></th><th></th><th></th><th></th></td<>	•	Auminum Snapes				
1,742,400 1,742,	Year	Area of loss start of year (sq ft)	Area of loss – end of year (sq ft)	Average annual area of loss (sq ft)	Unavailable volume (gals)	Present value unavallable volume (gals)
1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742	1986	1 742 ANN	1.742.400	1,742,400	18,409,327	35,274,175
1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 1,742,400 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1	1987	1,742,400	1.742.400	1,742,400	18,409,327	34,246,771
1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400	986	1,742,400	1,742,400	1,742,400	18,409,327	33,249,293
1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 17,42,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742	1989	1,742,400	1,742,400	1,742,400	18,409,327	32,280,867
1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 1,742,400 1,742,400 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400	1990	1,742,400	1,742,400	1,742,400	18,409,327	31,340,647
1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742	1991	1.742.400	1,742,400	1,742,400	18,409,327	30,427,813
1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 1,742,400 18,408,327 1,742,400 1,742,400 18,408,327 1,742,400 1,742,400 1,742,400 18,408,327 1,742,400 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,74	1992	1,742,400	1,742,400	1,742,400	18,409,327	29,541,566
1,742,400 1,742,400 1,742,400 18,408,327 1,742,400 1,742,400 18,408,327 1,742,400 1,742,400 1,742,400 18,408,327 1,742,400 1,742,400 1,742,400 18,408,327 1,742,400 1,742,400 18,408,327 1,742,400 1,742,400 18,408,327 1,742,400 1,742,400 18,408,327 1,742,400 1,742,400 18,408,327 1,742,400 1,742,400 18,408,327 1,742,400 1,742,400 18,408,327 1,742,400 1,742,400 18,408,327 1,742,400 1,742,400 1,742,400 18,408,327 1,742,400 1,742,400 1,742,400 18,408,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 18,409,327 1,742,400 18,409,327 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,	1993	1.742.400	1,742,400	1,742,400	18,409,327	28,681,132
1,742,400 1,742,400 18,409,327 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1	1994	1,742,400	1,742,400	1,742,400	18,409,327	27,845,759
1,742,400 1,742,400 18,409,327 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327	1995	1,742,400	1.742.400	1,742,400	18,409,327	27,034,718
1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 18,409,327 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400	1996	1.742.400	1.742,400	1,742,400	18,409,327	26,247,299
1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,74	1997	1.742.400	1,742,400	1,742,400	18,409,327	25,482,814
1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327	1998	1.742.400	1.742.400	1,742,400	18,409,327	24,740,596
1,742,400 1,742,400 1,742,400 18,409.327 1,742,400 1,742,400 18,409.327 1,742,400 1,742,400 18,409.327 1,742,400 1,742,400 18,409.327	566	1.742.400	1.742.400	1,742,400	18,409,327	24,019,996
1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 18,409,327 1,742,400 18,409,327 1,742,400 18,409,327 1,742,400 18,409,327 1,742,400 18,409,327 1,742,400 18,409,327 1,742,400 18,409,327 1,742,400 18,409,327 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742	2000	1,742,400	1,742,400	1,742,400	18,409,327	23,320,385
1,742,400 1,742,400 1,742,400 18,408,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 1,742,400 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,40	200	1.742.400	1,742,400	1,742,400	18,409,327	22,641,150
1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327	2002	1.742.400	1.742,400	1,742,400	18,409,327	21,981,639
1,742,400 1,742,400 18,409,327 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327	200	1,742,400	1.742.400	1,742,400	18,409,327	21,341,456
1,742,400 1,742,400 18,409,327 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327	200	1.742.400	1,742,400	1,742,400	18,409,327	20,719,860
1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 18,409,327	2005	1.742.400	1.742.400	1,742,400	18,409,327	20,116,369
1,742,400 1,742,400 1,742,400 18,409,327 1,742,400 1,742,400 1,742,400 18,409,327	2008	1 742.400	1.742.400	1,742,400	18,409,327	19,530,455
1,742,400 1,742,400 1,742,400 18,409,327	2002	1 742 400	1,742,400	1,742,400	18,409,327	18,961,607
	8	1.742.400	1.742.400	1,742,400	18,409,327	18,409,327

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